

FUTURE PROSPECTS FOR POLISH COAL EXPORT, BY
LESZEK BIEGOSKI, MARIA NIEMCEJOWSKA, 14 PP.

POLISH, PER, GOSPODARSTWA PLANOWA, NO 3, 1963,
PP 12-19.

JPRS 18965

EUR - POLAND
ECON .
MAY 63

229,674

Experiments With the Cocainisation of the Spinal
Cord, by A. Bier, 12 pp.

GERMAN, per, Deutsche Zeitschrift für *fuhr*
Chirurgie, Vol LI, 1899, pp 361-269.

WIE Tr No 1225

Sci - Medicine

30,848

SLA-57-1931

69
Venous Anesthesia, by August Bier, 12 pp.
GERMAN, per, Berlin Klin Wschr, Vol XLVI,
1909, pp 477-489.
Dept of Navy Tr 4710/NMC No 1069

August Bier

Sci-USM
Jun 66

302,078

A New Way to Local Anesthesia in the Extremities,
by August Bier, 8 pp.

GERMAN, per, Deutsche Gesellschaft fuer
Chirurgie Verhandlungen, Vol XXXVII, Part 2, ...
1908, pp 204-213.

NIH 5-37-64 (loan)

SLA TT-64-16942

Sci - Biol & Med
Jun 64

How to Produce a New Way for Local Anes-
thesia in the Extremities, by August Bier,
16 pp.

CHICAGO, per, Arch Klin Chir, Vol LXXXVI,
1908, pp 1007-1016.

Dept of Navy 4548/NBS Tr 1040

Bier, August

Sci - B/M
Mar 66

297,802

Preparation and Properties of Polymers Containing
Fluorine, by G. Bier, R. Schaff, K. H. Kahrs,
20 pp.

GERMAN, per, Angew Chem, Vol LXVI, 1954, pp 285-292.

CIA/TDD/X-1528

20.343

AEC 2101

Scientific - Chemistry

Dec 54 CTB/DEK

61-18648

Bier, G.
HIGHMOLECULAR OLEFIN-MIXED-POLYMERISATES
PRODUCED WITH EMPLOYMENT OF ZIEGLER-
MIXED CATALYSTS. [1961] 36p. 32 refs.
Order from SLA \$3.60

61-18648

Trans. of Angew[andte] Chem[ie] (West Germany)
1961, v. 73, no. 6, p. 186-197.

DESCRIPTORS: *Ethylenes, *Propenes, Polymerization,
Catalysts, *Polymers, Molecular weight.

(Chemistry--Organic, TT, v. 6, no. 9)

1. Title: Ziegler catalysts
1. Bier, G.

Office of Technical Services

Bier, G., Lehmann, G., and Leugering, H. J.
BLOCK POLYMERS FROM ETHYLENE AND PROPYLENE. [1962] [10]p. 14 refs.
Order from SLA \$1.10

62-18931

Trans. of Makromolekulare Chemie (Switzerland) 1961,
v. 44/46, p. 347-357.
Another trans. is available from ATS \$9.75 as
ATS-37N53G [1961] 9p.

DESCRIPTORS: *Block polymers, Synthesis, *Ethylenes,
*Propenes, Physical properties, *Ziegler catalysts,
Metalorganic compounds.

According to the method employed by K. Ziegler for the
preparation of block polymers from ethylene and propylene
utilizing metal-organic mixed catalysts it can be
expected that the lifetime of the active ends of the chains
is relatively long. Some properties of such polymers
are investigated regarding the dependence upon the ratio
of the mers, i.e. the length of the blocks, the number of
periods and the degree of crystallinity. (Author)

62-18931

I. Bier, G.
II. Lehmann, G.
III. Leugering, H. J.

(Chemistry--Organic, TT, v. 10,
no. 1)

Office of Technical Services

63-18306

Bier, G. and Krämer, H.
CONTRIBUTION TO THE STRUCTURE OF POLY-
VINYL CHLORIDE. [1963] [19]p. 4 refs.
Order from SLA \$1.60

63-18306

I. Bier, G.
II. Krämer, H.

Trans. of Makromolekulare Chemie (Switzerland) 1956,
v. 18/19, p. 151-165.

DESCRIPTORS: *Polyvinyl chloride, *Molecular struc-
ture, Colloids, Viscosity, Molecular weight, Reaction
kinetics

Polyvinyl chloride was prepared by the process of emul-
sion polymerization under various conditions. Polymers
in which more extensive branching was anticipated due
to the method of preparation, were characterized by the
relation, $Z\eta = K_m M^a$, $a < 1$. Polymers in which less
branching was anticipated exhibited a linear relation
between $Z\eta$ and M . Fractions of the more extensively
branched substance exhibited a higher viscosity than
(Materials--Plastics, TT, v. 10, no. 11) (over)

Office of Technical Services

Bier, G. and Krämer, H.
POLYMERIZATION OF VINYL CHLORIDE AND
STRUCTURE OF POLYVINYL CHLORIDE. [1963] 9p.
(tables figs. omitted) 20 refs.
Order from SLA \$1.10

63-14170

Partial trans. (p. 498-501, 503-505 (excerpts))
of Kunststoffe (West Germany) 1956, v. 46, no. 11,
p. 498-505.

A trans. of section on Reduction PVC (p. 504-505) is
available from SLA \$1.10 as 63-14176 [1963] 3p.

DESCRIPTORS: *Polyvinyl chloride, Molecular
structure, *Vinyl chlorides, Polymerization, Vinyl
radicals, Acetates, Osmotic pressure, Titration,
*Polyethylene plastics, *Heat-resistant plastics.

Contents:

End groups

End groups proceeding from additives

(Materials--Plastics, TT, v. 10, no. 4)

(over)

63-14170

I. Bier, G.
II. Krämer, H.

Office of Technical Services

Bier, G., Gumboldt, A., and Schleitzer, G.
THE ACTION OF VARIOUS ZIEGLER CATALYSTS
IN THE POLYMERIZATION OF α -OLEFINS AND
PROPERTIES OF THE POLYMERS. [1963] [19]p.
19 refs.

Order from SLA \$1.60

63-14417

Trans. of Makromolekulare Chemie (Switzerland)
1962, v. 58, Dec, p. 43-64.

DESCRIPTORS: *Ziegler catalysts, *Metalorganic
compounds, *Aluminum compounds, *Titanium com-
pounds, *Vanadium compounds, *Polyethylene
plastics, Ethylenes, Propenes, Polymerization, Copoly-
merization, *Block polymers.

Ziegler type catalysts such as $\text{TiCl}_3 + \text{AlR}_2\text{Cl}$ (a) and
 $\text{VCl}_4 + \text{AlR}_2\text{Cl}$ (b) show very different behaviour in the
polymerization and copolymerization of α -olefins.
(a) has a long lifetime with relatively long growing
(Materials--Plastics, TT, v. 10, no. 4) (over)

63-14417

- I. Bier, G.
- II. Gumboldt, A.
- III. Schleitzer, G.

Office of Technical Services

On the Structure Of Polyvinyl Chloride, by G. Bier
and H. Kramer.

GERMAN, per, Makromolekulare Chemie, No 18/19,
1956, pp 151-165.

CSIRO

Oct. 62

Bier, G., Lehmann, G., and Leugering, H. J.
BLOCK POLYMERS FROM ETHYLENE AND
PROPYLENE. [1961] 9p.
Order from ATS \$9.75

ATS-37N53G

Trans. of Makromol[ekulare] Chem[ie] (Switzerland)
1961, v. 44/46, p. 347-357.

DESCRIPTORS: *Polymers, Preparation, Ethylenes,
Propenes.

(Chemistry--Organic, TT, v. 7, n. 2)

61-25374

1. Title: Block polymers
- I. Bier, G.
- II. Lehmann, G.
- III. Leugering, H. J.
- IV. ATS-37N53G
- V. Associated Technical
Services, Inc.,
East Orange, N. J.

195600

Office of Technical Services

Polyproglycine, by Gerhard Bier, 2710
GUMMEL, per, Kunststoffe, Vol 48, 1998, No 8,
pp 354-362
NRLA 21-65-10046
NRLA 21-58-4327

Gerhard Bier

Not - Not
July 67

530,620

Polypropylene, by Bier, Gerhard, 29 pp.

GERMAN, Per, Kunststoffe, 1958, Vol XLVIII, No 3,
pp 354-362.

SLA 59-15592
59-15005

Sci
Oct 59
Vol 2, No 3

99,882

145
Reversal of Jet Separation in Over-
expanded Gas Streams, by K. Bier.
GERMAN, per, Zeit fur Naturforsh, Vol
15A, 1960, pp. 714-23.
NLL Ref: 9091.9F (CA Trans 191)

K. Bier

Sci-Mech
July 69

377,403

Fractionating Neutron Separation of the Uranium
Isotopes through Use of Light Supplementary Gases,
by L. H. Becker & R. Eder.
GEMAS, per. Journal of Scientific Research.
Vol 18a, No 2, 1963, pp 246-250.
Dept of Navy SEC tr 2597

Doc/Phys
June 68

358,211

K. Burr

Relations Between Nuclear Size of Nutri- 66
tive Cells and Development of Structures
Containing Ribonucleic Acid in the
Oocytes of *Fornica Rufa Rufo-Pratensis*
Minor, by K. Bier.
GERMAN, per, Deutsche Zoologische Ges.
Verhandlungen, 1952, pp 369-374.
NTC 69-10963-06C

K. Bier

Sci-B&M
May 69

382,379

Experiences With a Chemical Exchange Plant for
the Enrichment of C^{13} , by E. W. Becker, K. Bier, M.
et al, 12 pp.

GERMAN, par, Z. Naturforsch, Vol VIIa, 1952,
pp 664-668. 92022368

ABC-Tr-5586

Sci - Phys

6 Mar 63

~~123,800~~
224,209

K. Bier

On the Form of Compression Shocks in Freely
Expanding Gas Jets, by K. Bier
GERMAN, per, Zeitschrift fuer Angewandte Physik.
Vol 13, 1961, pp 493-500
NTC 71-15542-01A

Feb 72

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On the Influence of Compression Shocks in the
Transition Zone Between the Gas-Dynamic and
Molecular Form of Flow, by H. Eber, 51 pp.
GERMAN, par, Fortschritte der Physik, Vol XI, 1963,
pp 222-256. 922967
AEC-Tr-6480

Sci-Phys
Jan 63

270,387

The Chemical Method of Isotope Separation as
a Rectification Problem, by E. W. Becker,
H. Nier, 36 pp.

GERMAN, per, Z. Naturforsch, Vol VIIa, 1952,
pp 651-664. 9202266

AEC-Tr-5527

Sci - Chem

224,491

11 Mar 63

Beams From Condensed Atoms and Molecules in a High
Vacuum, by E. W. Becker, K. Bier, W. Henkes, 8 pp.

GERMAN, per, Z fuer Physik, Vol CXLVI, 1956,
pp 333-338. 9093605

AEC Tr-4790

Sci - Phys
Dec 61

177, 405

Optimum Conditions for the Enrichment of Heavy
Water in Hot-Cold Columns. Part II. The Enriching
System, the Stripping System and the Transfer
Column, by K. Bier,

GERMAN, per, Chem Ing-Tech, Vol XXXI, No 1, 1959,
pp 22-30.

AEC NP-Tr-400

Sci - Nuc Phys

May 60

117,395

The Separation Nozzle. II. The Physical Bases and
The Specific Magnitudes of the Expenditures of the
Process, by E. W. Becker, W. Beyrich, K. Bier,
H. Burghoff, F. Zigan, 31 pp.

GERMAN, per, Z. Naturforsch, Vol XIIa, 1957,
pp 609-621.

AEC tr-3839

Sci -
Jan 60

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The Production of Intense Partially Monochromatic
Hydrogen Molecular Beams With a Laval Nozzle,
by E. W. Becker, K. Bier, 23 pp.

GERMAN, per, Zeit Naturforsch, Vol IXa, 1954,
pp 976-986.

ABC TR 2500

Sci - Physics

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Jul 1956

Separation of Uranium Isotopes with a Separating
Nozzle With the Use of Light Addition Gases, by
E. W. Becker, K. Bier, et al, 13 pp.

GERMAN, per, Zeit. Naturforsch, Vol XVIIIa, 1963,
pp 246-250.

ABC-tr-5974

Sci-Nucl Sci
Nov 63

241, 358

Optimum Conditions for the Enrichment of Heavy
Water in Hot-Cold ~~Distillation~~ Columns, by K.
Bier, 26 pp.

GERMAN, per, Chem Ing Tech, Vol XXVIII, No 10,
1956, pp 625-688.

SLA 572975
(Asc Tr 2887)
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Sci

Aug 58

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Isotopes Separation and Enrichment, by K. Bler,
W. Fischer, et al, 8 pp.

GERMAN, per, Chem Ingenieur Tech., Vol XXXIV,
1962, pp 580.

AEC-tr-5986

Sci-Engr
Nov 63

241, 364

(FDD 26894)

The Separating Nozzle -- A New Element for Separating Gases and Isotopes (West Germany), by E. W. Becker, K. Bier, H. Burghoff, 17 pp.

GERMAN, ~~article in~~ ~~no sci per~~, Zeit fuer Naturfor-
schung, Vol Xa, No 7, Jul 55, pp 565-572, Tuebingen,
Germany, Jul 1955.

CIA/FDD/U-7807

32,364

WEur - West Germany

Sci - Engineering, gas dynamics

Feb 1956 CTS

(Selsky)

Form of Compression Shocks in Freely Expanding Gas
Jets, by Konrad Bier, Berndt Schmidt, 24 pp.

GERMAN, per, Z fuer Angew Phys, Vol XIII, No 11,
1961, pp 493-500. 9089613

AEC Tr-5196

Sci - Phys
Aug 62

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The Interference Measuring Equipment up to 30 Hz,
by H. Bier, W. Fleischauer, 32 pp.

GERMAN, bk, Die 400 Kv-Forschungsanlage Rheinu-I,
1955. (part of book). *anlage a*

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SLA 57-1423

Ecl
May 58

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The Mechanism of Roffo's Neutral Red Test, by
Otto Bier, 5 pp.

per,
PORTUGUESE, SPANISH, Brasil Medico, Vol XIX XLV,
No 3, 1931, pp 52-53.

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Scientific - Medicine
CTS/DEX

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Medical Service Problems in the Navy, by
Captain Bierbaum, 7 pp. UNCLASSIFIED

GERMAN, rpt, Encl to Ser No 335-59, US NA,
Bom, Apr 1959.

Dept of Navy/ONI 5070737

WE - Germany
Mil
Jun 59

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V
The Development of the Slurry-Settling Process
and its Significance in the Processing of Iron
Ores, by Ernst Bierbrauer, 40pp.

^{quell}
GERMANY, per, Archiv ~~für~~ ^{des} Eisenhüttenwesens,
Vol XXI, 1950, pp 273-282.

S.L.A. Tr 45

32,740

ESur - Germany

Scientific - Minerals/Metals

The Breaking Strength of Cast Iron, by Georg Bierett,
17 pp.

Steel
GERMAN, per, Archiv für das Eisenhüttenwesen, Vol X,
No 4, Oct 1936, pp 165-169.

34,389

S.L.A. No 164/1956

Scientific - Minerals/metals

Radar of Polar Aurorae, by Ya. G. Bierfeld,
10 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz,
No 12, 1960, pp 1871-1882.

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Sci

Jun 61

157, 216

Relation Between Temperature and light,
and the Yield of ~~KHHA~~ Vegetables in a
Greenhouse, by J. Bierhuizen.

FRENCH, per, Mededelingen Directeur van
de Tuinbouw, Vol XXIII, No 21, 1960,
pp 822-851.

CSIRO/Nc 5817

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Sci-Agrl
Nov 63

Effect of Sodium Hexametaphosphate on the
Oxidation of Ascorbic Acid, ~~3ppx~~ by
O. Barnabei, C. Bieri, 3 pp.

ITALIAN, per, Boll Soc Ital Biol Sper,
Vol XXVI, 1950, pp 870, 871.

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Sci - Chemistry
Feb 1957 CTS/dec
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The Improvement and Present Capability of the
Double Focusing Mass-Spectrograph, by R. Bieri,
F. Everling, J. Mattauach, 17 pp.

GERMAN, per, Z fuer Naturforschung, Vol Xa,
1955, pp 659-667.

AEC-tr-5314

Sci - Engr

Jan 63

11st 74

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A Contribution to the Theory of Sound Records:
The Reproducing Process, by R. Bierl, 43 pp.

GERMAN, per, Akust Z., Vol IV, No 4, 1939,
pp 238-252.

S.L.A. Tr 57-322

Sci - Physics
May 57

48, 718

Errors in the Luminous Band Width Measurement
Applied to Sound Records, by R. Bierl, 9 pp.

GERMAN, per, Akust Z., Vol V, No 3, May 1940,
pp 145-147.

S.L.A. Tr 57-302

Sci - Physics
May 57

48,720

~~Bierl, Richard.~~

ABOUT THE TRUE FREQUENCY-RESPONSE IN RECORDING AND REPRODUCTION OF SOUND IN MAGNETIC TAPE RECORDING. [1962] 16p. 6 refs.
Order from SLA \$1.60 62-18694

Trans. of Zeitschrift für Angewandte Physik (West Germany) 1951, v. 3, no. 5, p. 161-165.

DESCRIPTORS: Frequency, Sound, *Magnetic recording systems, Integrators, Measurement, Integral equations, *Magnetic tape, *Sound reproduction systems.

From the consideration of the distribution of magnetic reluctances in record and reproduce heads follow an inverse logarithmic, hyperbolic respectively, flux-distributions. The -drop of the record head gap function is compensated by a -proportional frequency (Engineering--Electronic, TT, v. 9, no. 10)

62-13694

1. Bierl, R.

62-13694

Office of Technical Services

About the True Frequency-Response in Recording and
Reproduction of Sound in Magnetic Tape Recording, by
Richard Bierl, 16 pp.

GERMAN, Zeitschrift fur Angew Physik, Vol. III, No 5,
1951.

CIA/FDD X-4979

Sci - Elektron

Aug 62

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On Pyrimidine Compounds With Cytostatic Action,
by Kurt Westphal, Robert Bierling, 4 pp.

GERMAN, par, Naturwiss, Vol XLVI, 1959, pp 230, 231.

NIN 9-13

Sci - Med
Sep 59

97,393

L. Biermann

*The possible mechanism for the excitation of forbidden
oxygen lines in comets.*

GERMAN, Zeitschrift für Astrophysik, Vol 59, 1964,

pp 1-28

NA *NASA TT F 14,636

jan 73

L. Biermann

On the Ionisation and Excitation
Mechanisms in Comet Atmospheres,
by L. Biermann.

GERMAN, per, Zeitschrift fuer Astro-
physik, Vol 59, No 1, 1964, pp 1-28.
FTC 72-10603-03B

Apr 72

L. Biermann

Cooperative Phenomena and Diffusion of a
Plasma Across a Magnetic Field, by

L. Biermann

GERMAN, per, Zeitschrift fuer Naturforschung.

Ausgabe A, Vol 15, 1960, pp 10-12

NTC 71-15268-201

mar 72

Cause of the Chromospheric Turbulence and the
UV Excess of Solar Radiation, by L. Biermann.
GERMAN, per, Z. Astrophys, Vol 25, 1948,
pp 161-177.
CSIRO/9636
Vol 17, No 3, 1969

L. Biermann

July 69

385-140

The Origin of Chromospheric Turbulence and the
Ultraviolet Emission of Solar Radiation, by L. Biermann.
GERMAN, rev. 2 from Astrophysik, Vol XIV, 1948,
pp 161-177.
NASA TT F-98110

Sci-Res Div & Aeronaut
Jan 65
U.S. GOVERNMENT ONLY

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Co-Operative Phenomena and Diffusion of
a Plasma Perpendicular to a Magnetic
Field, Part II, by D. Pfirsch, L.
Biermann.

GERMAN, per, Z. fuer Naturforschung,
Vol XVa, No 1, 1960, pp 14-18.

CSIRO

Sci - Phys
Mar 62

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Biermann, L.
COMET TAILS AND SOLAR CORPUSCULAR RADI-
ATION. 21p. 17 refs.
Order from SLA mi\$2.70, ph\$4.80 61-10667

Trans. of Zeitschrift für Astrophysik (Germany)
1951, v. 29, p. 274-286.

(Astronomy--Astrophysics, TT, v. 5, no. 9)

61-10667

1. Sun--Radiation
2. Comets--Theory
3. Title: Corpuscular
radiation
1. Biermann, L.

Office of Technical Services

Comet Tails and Solar Corpuscular Radiation
at Times of Small Solar Activity, by
L. Biermann, R. Lust, E. Treffz.

GERMAN, rpt, Kometschwefel und Solare
Korpuskular-Strahlung zu Zeiten Geringer
Sonnenaktivitat, 1961.

NASA TT F-8088

Sci

7 March 62

US GOV'T ONLY

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Biermann, L., Lüst, R. and others.
STUDY OF THE INTERPLANETARY MEDIA BY
MEANS OF THE ARTIFICIAL IONIZED CLOUDS
(Zur Untersuchung des interplanetaren Mediums mit
Hilfe künstlich eingebrachter Ionenwolken). [1962]
[15]p. 18 refs.

Order from SLA \$1.60

62-20168

Trans. of Zeitschrift für Astrophysik (Germany) 1961,
v. 53, no. 4, p. 226-236.

DESCRIPTORS: *Interstellar matter, *Ionization,
*Clouds, Carbon compounds, Monoxides, Calcium,
Barium, Strontium, Interference, Thermal diffusion,
Solar spectrum, Solar radiation, Photographic plates,
*Space probes.

The minimum mass necessary for producing an
ionized cloud which can be detected and photographed
for a sufficiently long time against the night sky has
(Astronomy--Astrophysics, TT, v. 9, no. 11) (over)

62-20168

I. Biermann, L.
II. Lüst, R.

Office of Technical Services

Cosmic Radiation With Electrons From the Sun, by
L. Hageman, G. Hageman, et al.
GERMAN, part, II Naturwissenschaften, Vol VII, No 1,
1951, pp 47, 48.
NASA TT F-5707

Sol - Chem
Apr 54
U.S. GOVERNMENT ONLY

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On the Mechanicals of Radiation and Expansion in
Cometary Atmospheres, by L. Biermann,
E. Trösch.
GERMAN, par, Max Planck Institut für Physik
und Astrophysik.
NASA TT P-5713

Sci-Phys
May 61
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Axial-Symmetrical Solutions of the Magnetohydrostatic
Equation With Surface Currents, by L. Biermann, K.
Hain, K. Jorgens, R. Lust, 20 pp.

GERMAN, per, Z Naturforsch, Vol XIIa, 1957, pp 826-
832.

AEC Tr 3148

/Sci - Physics
Apr 58

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Concerning the Origin of the Magnetic Fields
on Stars and in the Interstellar Space, by
Ludwig Biermann.

GERMAN, per, Zeit fur Naturforschung, Vol
5a, No 2, 1950, pp 65-71.

CIA X-6872

Ludwig Biermann

Also available CFSTI by NASA Sci & Tech Info
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Jan 69

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The Work at Göttingen on Controlled
Thermonuclear Fusion, by Ludwig Biermann,
Arnulf Schluter, 15 pp.

GERMAN, per, Mitteilungen Max-Planck Gesellschaft
zur Förderung der Wissenschaften, No 3, 1957,
pp 143-163.

SLA 59-16785

Sci
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Dec 60

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Transient Phenomena in Short Circuits of Commutator
Machines, by J. Biermanns, 17 pp. UNCLASSIFIED

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No 1, 1918.

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Scientific - Electricity

June CTS

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Wave Functions and Transition Probabilities
of the H₂ I Atom. Part I. by L. Biermann.
H. Treffz.

GERMAN, per, Zeit Astrophys, Vol XXVI,
1969, pp 213-239.

NASA TT F-8004
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L. Biermann

Sci-Phys

Aug 68

U. S. GOVERNMENT USE ONLY 309,938

Comet Tails and Solar Corpuscular Radiation, by
L. Biermann, 19 pp.

GERMAN, per, Z Astrophys, Vol XXIX, 1951, pp 274-286.

AEC UCRL Tr-511(L)

Sci - Astron
Aug 60

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Influence of Overall Pressure on the Decomposition of
Austenite Into Pearlite and Intermediate Stage
Structure, by E. Schmidtman, W. Biermann.

GERMAN, per, Archiv fuer Eisenhuettenwesen, Vol XXXII,
Dec 1961, pp 843-850.

RIKI 2807

Sci - M/E
Jun 63

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An Experiment in the Rapid Construction of a Radio
Center, by M. N. Bierman, 2pp. (PA 1T12). SECRET

RUSSIAN, per, Vest Svyazi-Elektrosvyaz.

AMC F-TS-7025-RE

Scientific - Electronics

May CTS

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(NY-10)

REPORT About the Institute for Experimental
and Clinical Medicine, by Prof Andrzej Biernacki,
6 pp.

POLISH, per, Nauka Polska, No 1 (33),
1961, pp 43-46.

JPRS 10945

Sci - Med
Dec 61

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Theory of Surface Projection for Geodesists and
Cartographers by Franciszek Bieracki

POLISH, bk, Teoria Odwzorowań Powierzchni dla
Geodetów i Kartografów, Warsaw, 1949, 374 pp.

X PL 480

Two Reviews of Polish Book: World Atlas, by
Franciszek Siemacki, Felicjan Piatkowski, 9 pp.
POLISH, per, Przegląd Geodezyjny, No 7, Jul 1964,
pp 274-276.
JPRS 27924

Sci-Geog
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(NY-1691).

Present State and Development Prospects of the
Polish Solid Fuel Industry (Poland), by
W. Blermacki, 25 pp.

POLISH, per, Przegląd Elektrotechniczny, Vol
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EEUR - Poland
Econ - Electric power

76,725

J. Biernat

Aqueous Solutions of Ianthates. Properties of
Alkaline Ianthates, by J. Biernat.

POLISH, per, Prace i Materiał Chemiczny, Vol 6,
No 1, 1961, pp 24-26.

NTC 71-14323-07D

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THE WORK OF SPECIALIST TROUPES AND THE MISSIONS
OF CONSULTATIONS STATIONS, BY R. BIERSTADT,
8 PP.

GERMAN, PER, DIE DEUTSCHE LANDWIRTSCHAFT, NO 6,
1962, PP 276-279.

JPRS 14400

EUR - GERMANY
ECON .
JUL 62
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